

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/JP2005/004410

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01L23/29 H01L21/56

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2002/015748 A1 (MIYAJIMA FUMIO ET AL) 7 February 2002 (2002-02-07) abstract paragraphs '0006! - '0012! paragraphs '0022! - '0028! paragraphs '0044! - '0050! paragraph '0057! paragraphs '0064!, '0074! figures 1-13	1-9
A		
Y	EP 0 997 498 A (DOW CORNING CORPORATION) 3 May 2000 (2000-05-03) paragraphs '0018!, '0019!, '0057!, '0059!, '0065!, '0066!, '0070!, '0073!, '0092! - '0097! table 1	1-9
X		10
	-/-	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"Z" document member of the same patent family

Date of the actual completion of the international search

22 June 2005

Date of mailing of the international search report

29/06/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel: (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Morena, E

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/JP2005/004410

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 458 628 B1 (DISTEFANO THOMAS H ET AL) 1 October 2002 (2002-10-01) column 3, line 21 - column 4, line 6 column 5, line 42 - column 6, line 26 column 8, line 26 - line 29 column 9, line 4 - line 7 figures 1-4	1,4-8,10
A	EP 0 352 493 A (TORAY SILICONE COMPANY, LIMITED) 31 January 1990 (1990-01-31) abstract page 2, line 1 - line 50 page 3, line 21 - line 24 page 3, line 57 - page 4, line 6 page 5, line 43 - line 56 examples 1,2 table 1.2	1,2,10
A	EP 0 939 101 A (GENERAL ELECTRIC COMPANY) 1 September 1999 (1999-09-01) the whole document	1,2,10

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

PCT/JP2005/004410

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2002015748	A1	07-02-2002	JP 3494586 B2	09-02-2004
			JP 2000277551 A	06-10-2000
EP 0997498	A	03-05-2000	US 6124407 A	26-09-2000
			EP 0997498 A1	03-05-2000
			JP 2000129132 A	09-05-2000
			KR 2000029355 A	25-05-2000
US 6458628	B1	01-10-2002	US 6218215 B1	17-04-2001
			US 6080605 A	27-06-2000
EP 0352493	A	31-01-1990	JP 1850712 C	21-06-1994
			JP 2014244 A	18-01-1990
			JP 5058458 B	26-08-1993
			AU 621904 B2	26-03-1992
			AU 3717189 A	04-01-1990
			CA 1339328 C	19-08-1997
			DE 68907659 D1	26-08-1993
			DE 68907659 T2	02-12-1993
			EP 0352493 A1	31-01-1990
			US 5017654 A	21-05-1991
EP 0939101	A	01-09-1999	US 6040366 A	21-03-2000
			DE 69910279 D1	18-09-2003
			DE 69910279 T2	09-06-2004
			EP 0939101 A2	01-09-1999
			JP 11323134 A	26-11-1999